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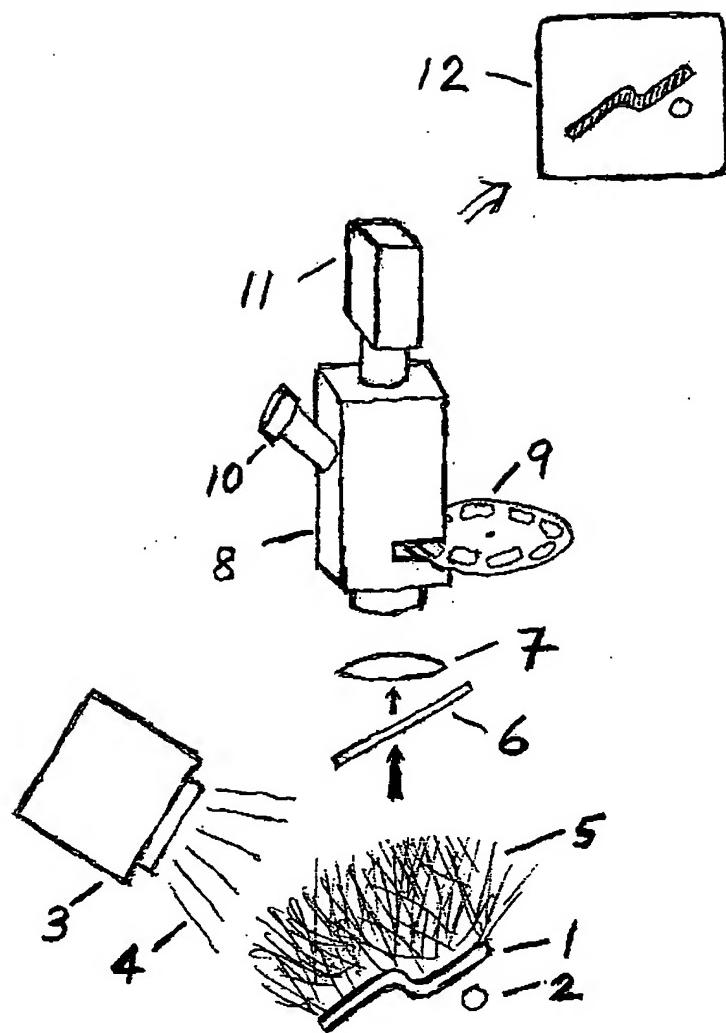


Figure 1

(Prior Art)

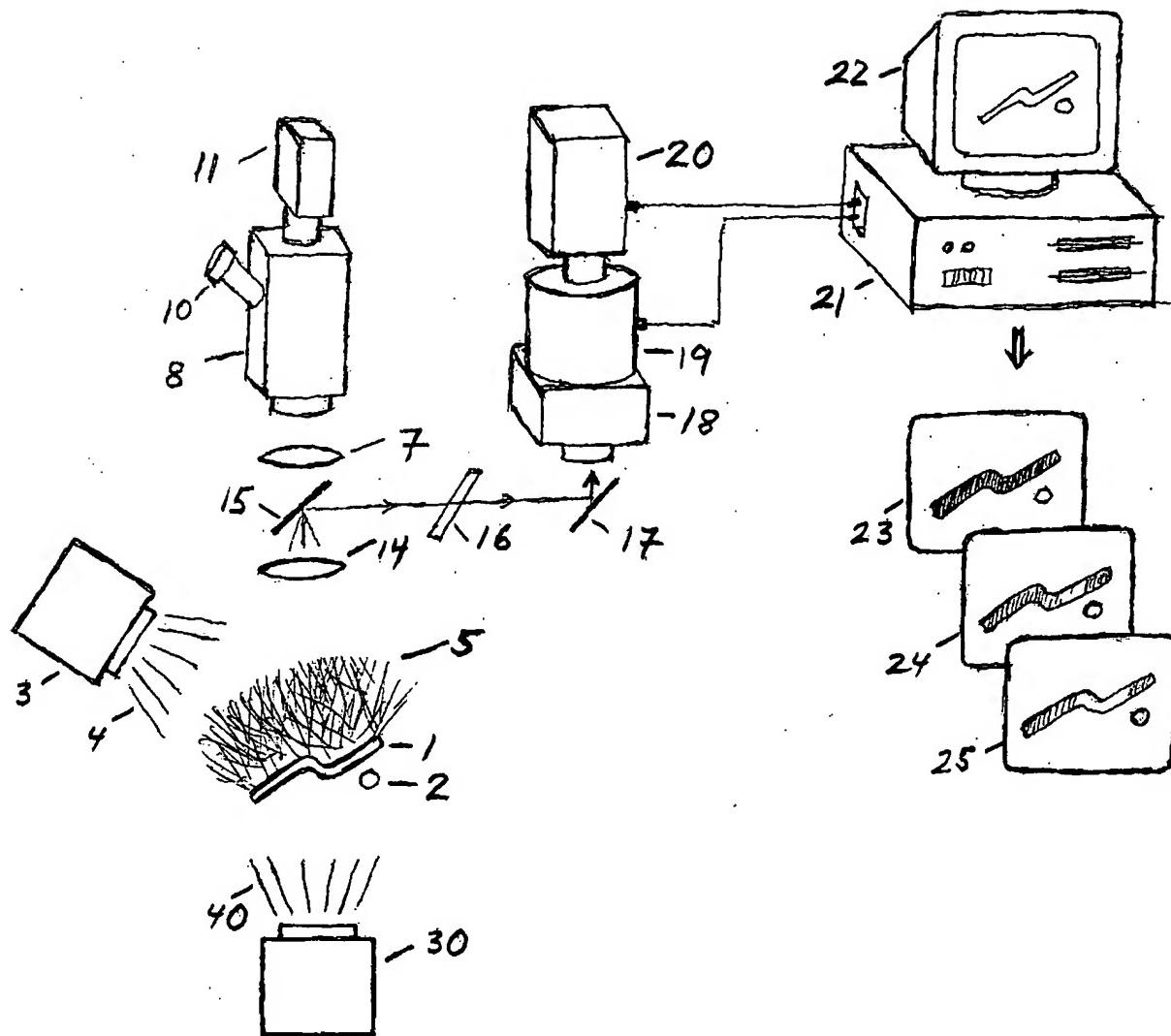


Figure 2

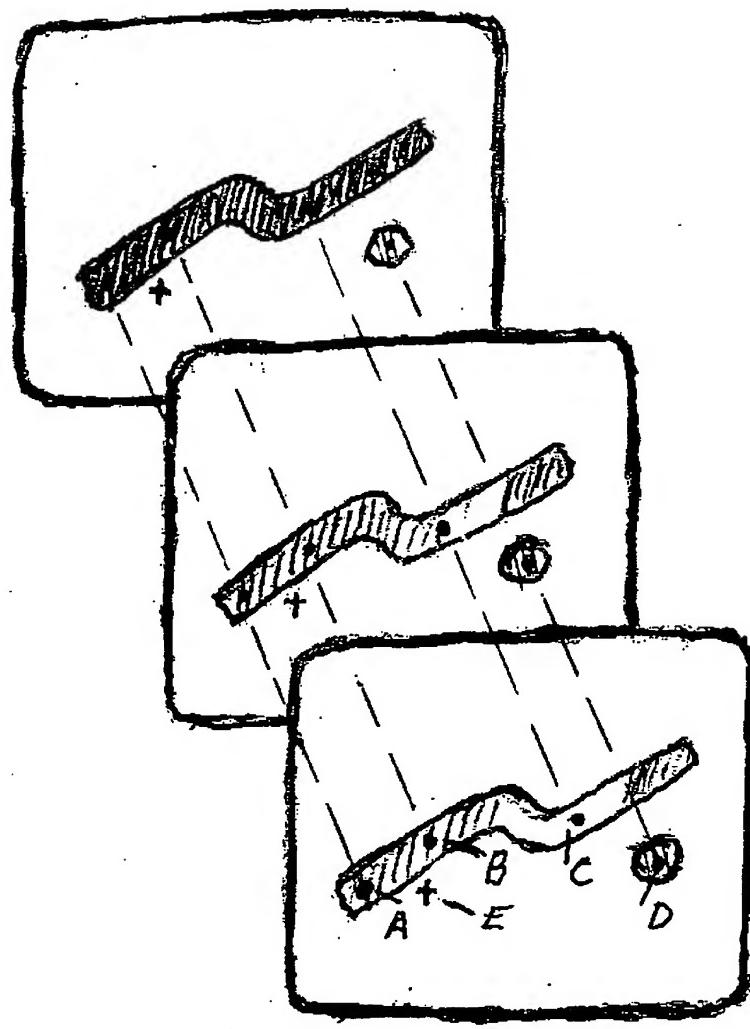


Figure 3

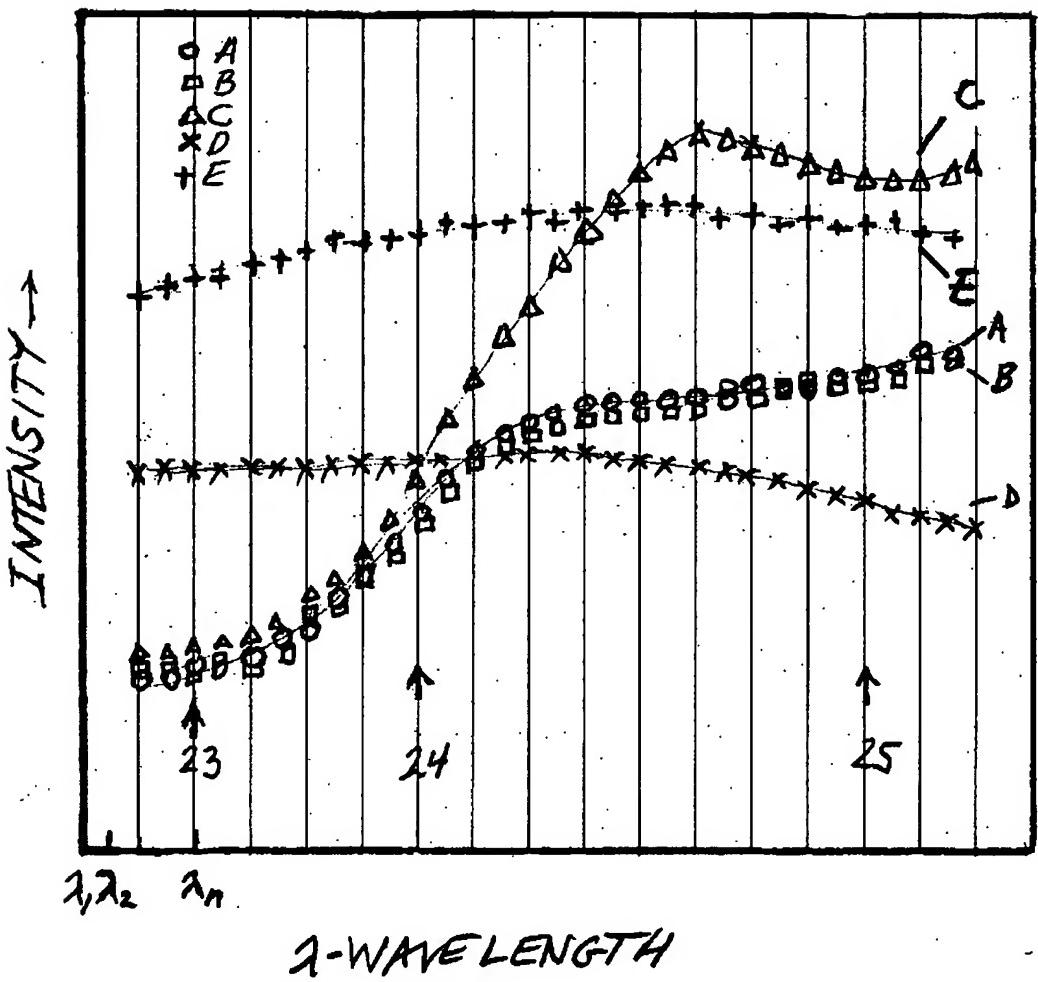
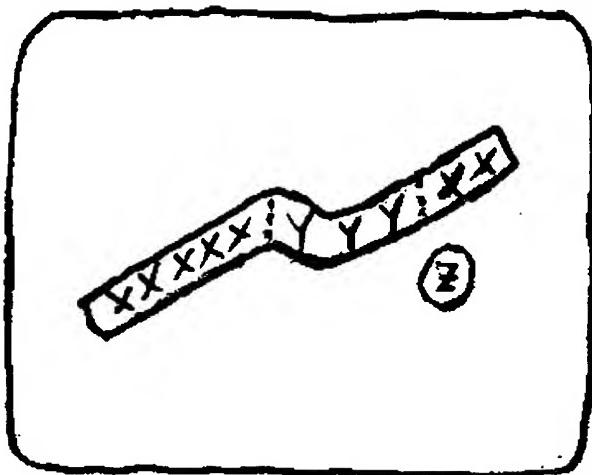


Figure 4

5A:



5B:

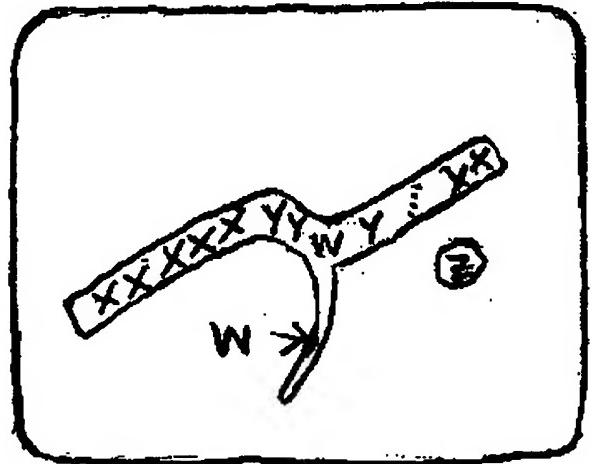
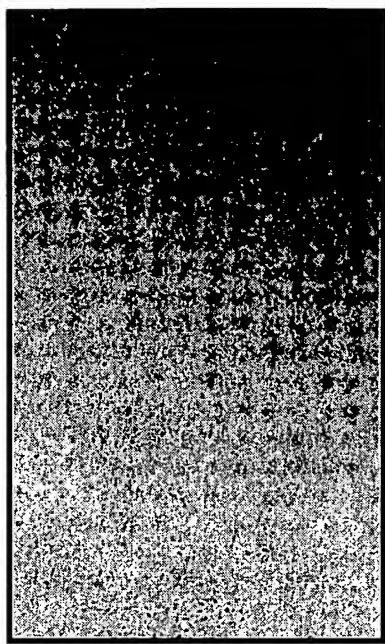
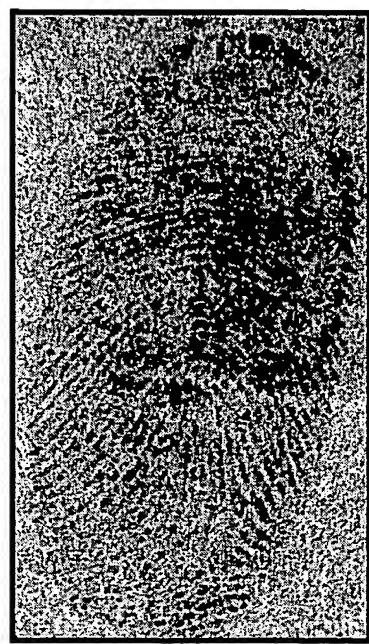


Figure 5

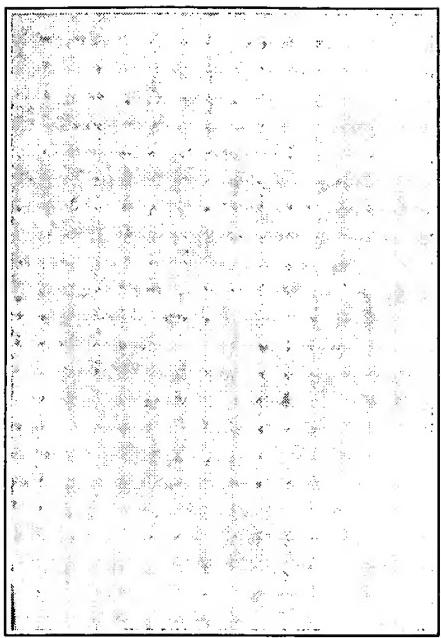


A

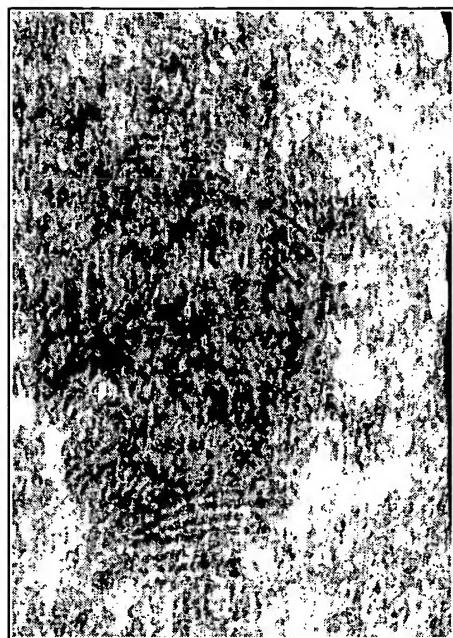


B

Figure 6

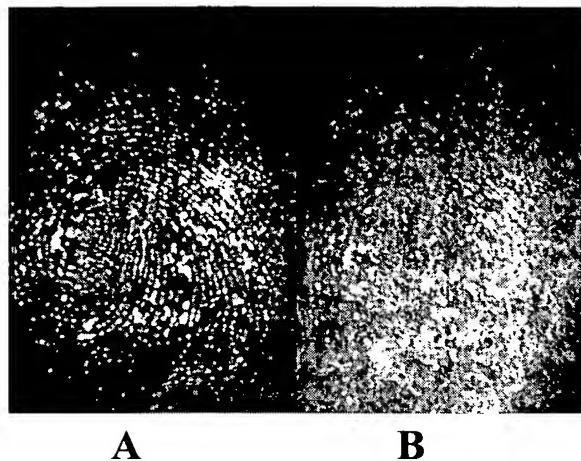


A



B

Figure 7



A **B**

Figure 8

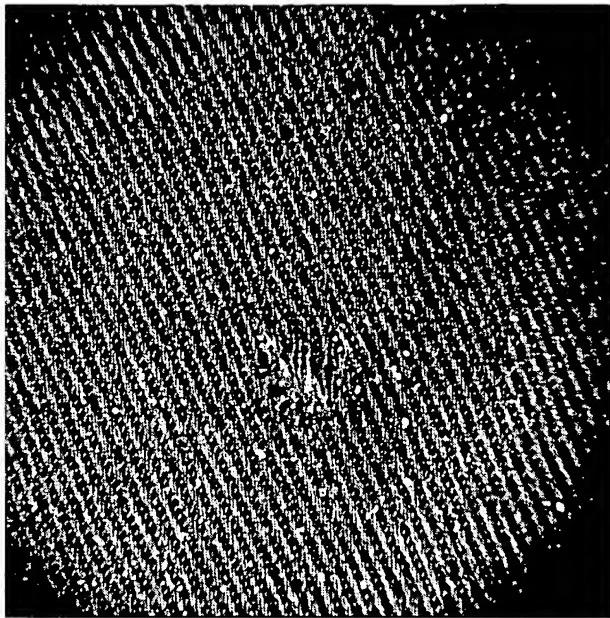


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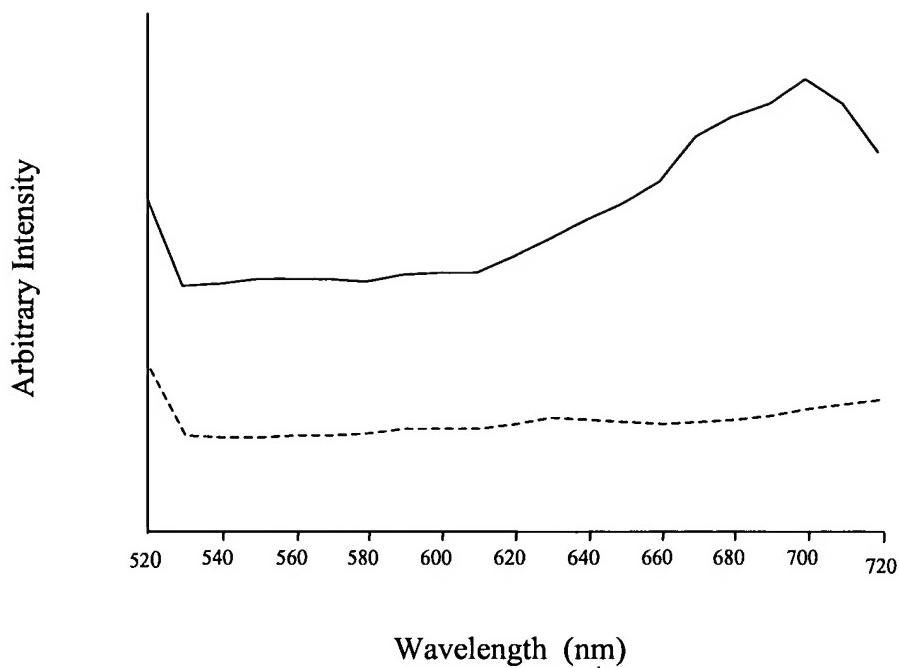


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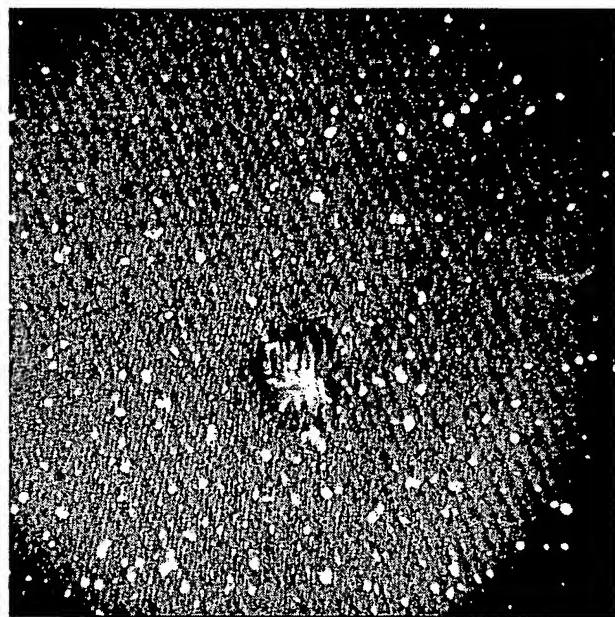
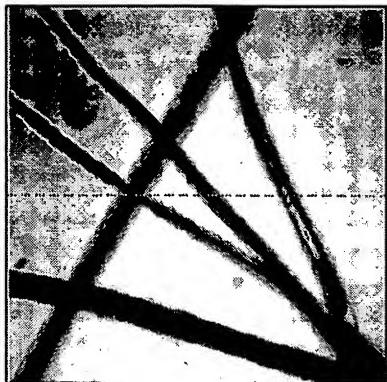
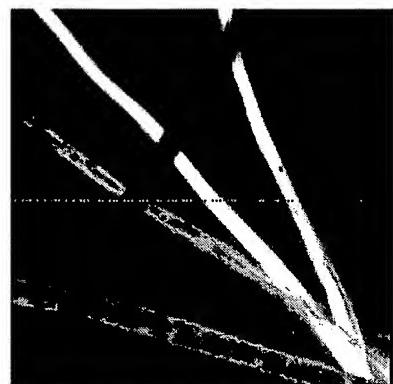


Figure 11

A



B



C



D

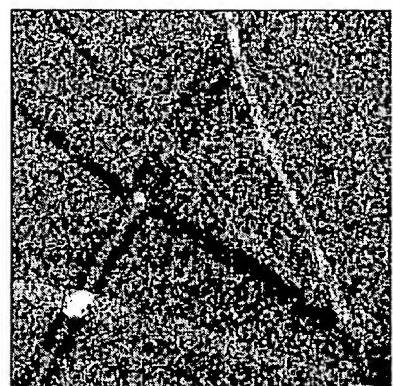
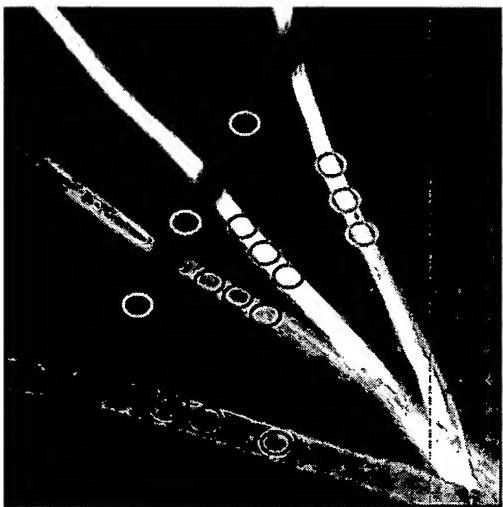


Figure 12

A



B

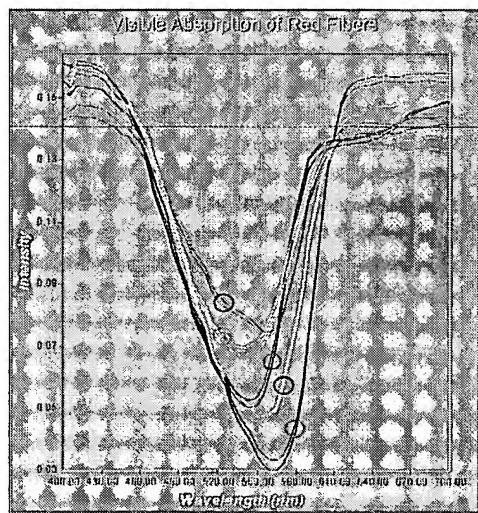
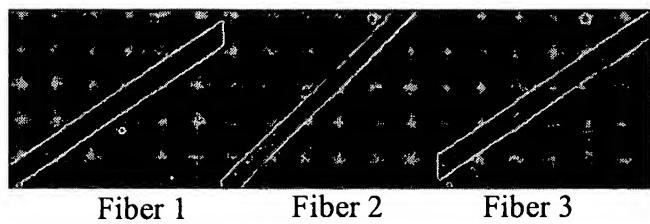


Figure 13

A

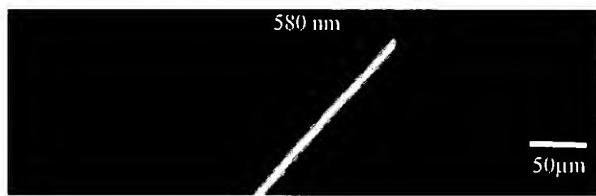


Fiber 1

Fiber 2

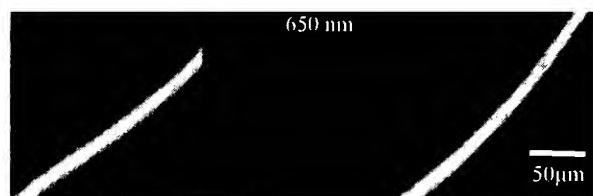
Fiber 3

B



580 nm

C



650 nm

Figure 14

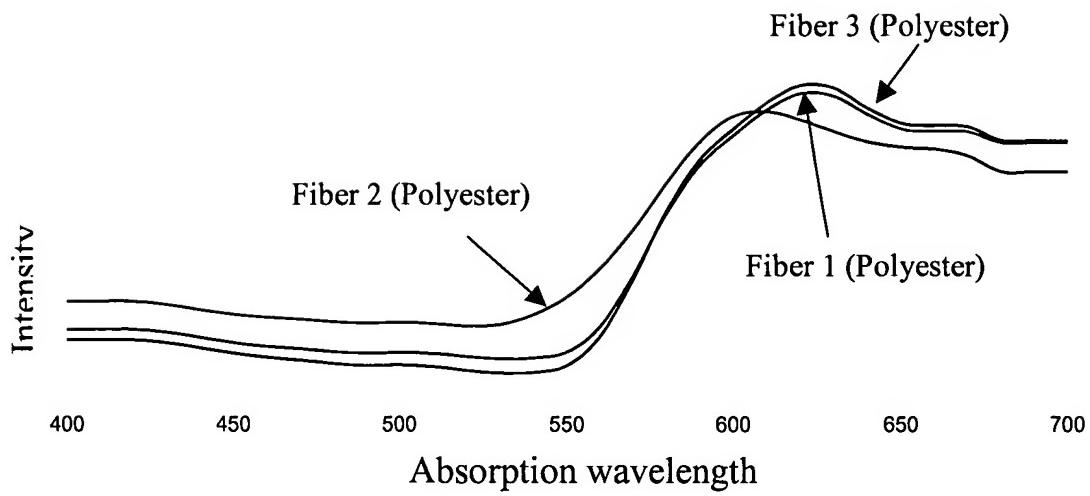


Figure 15

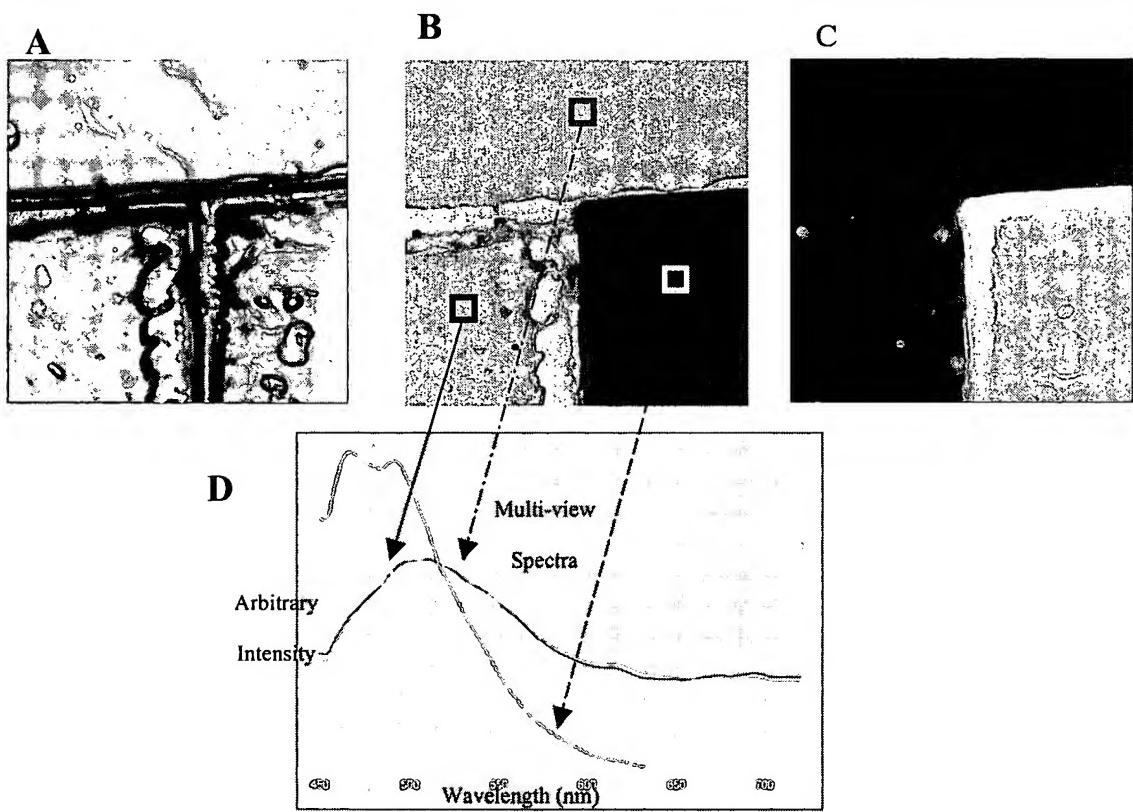


Figure 16

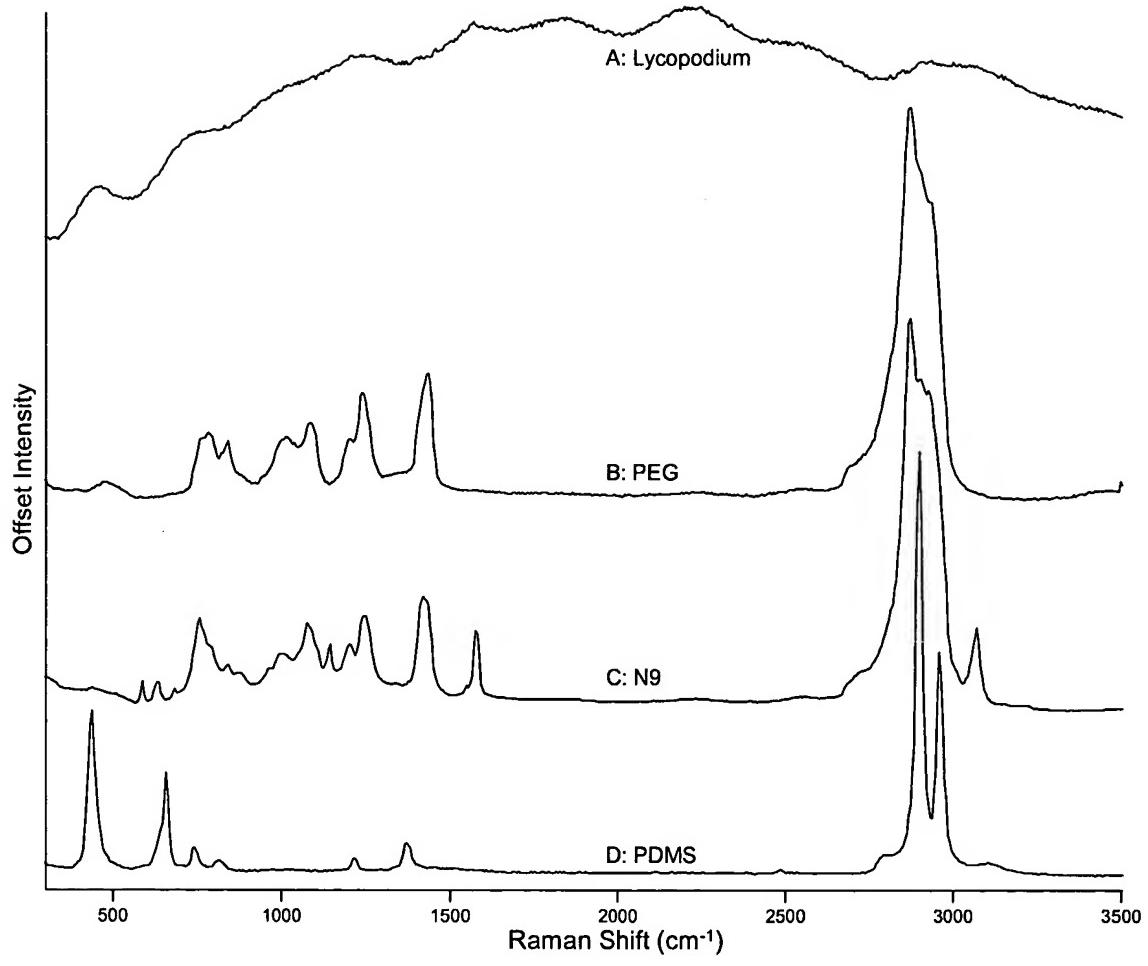


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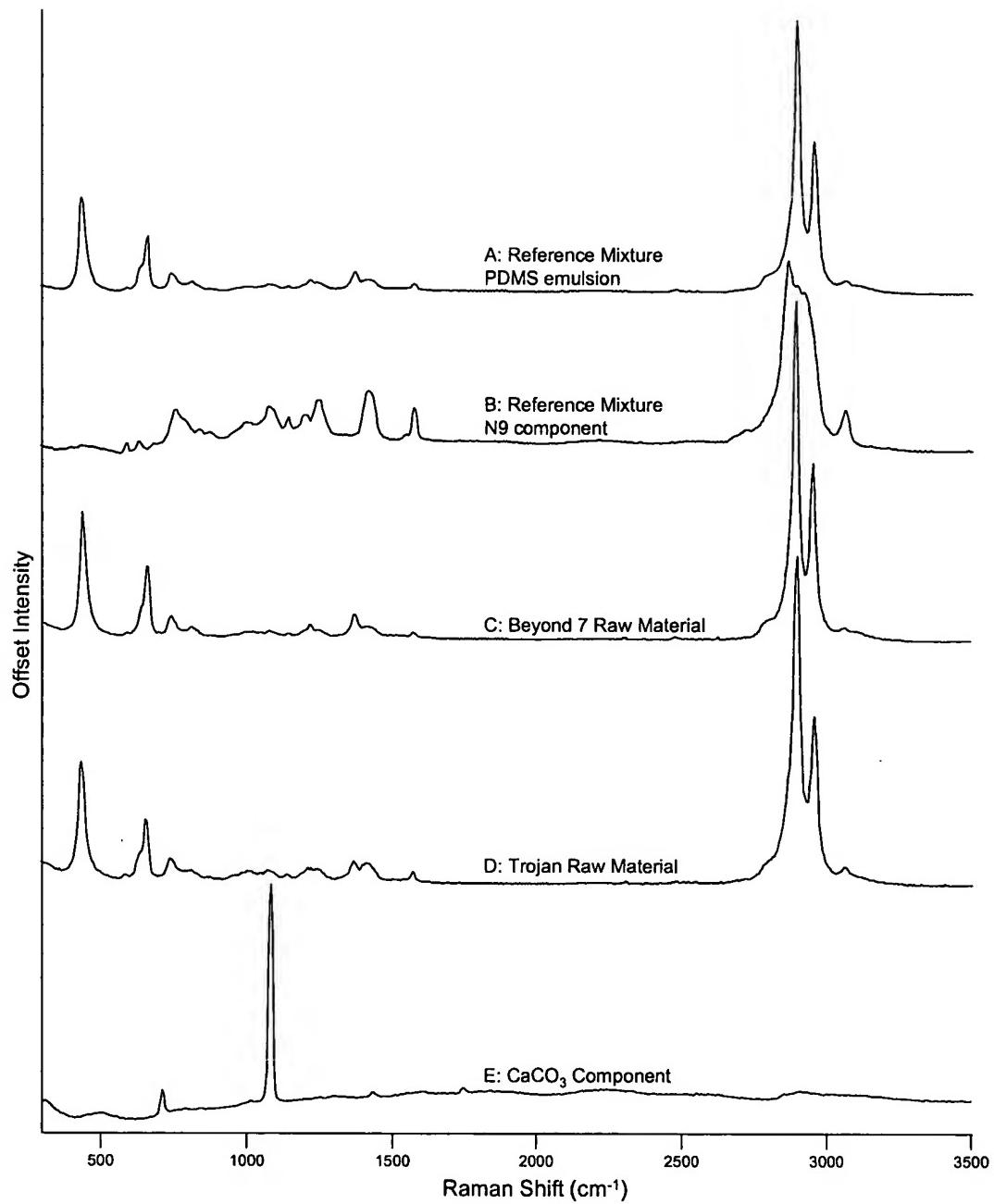


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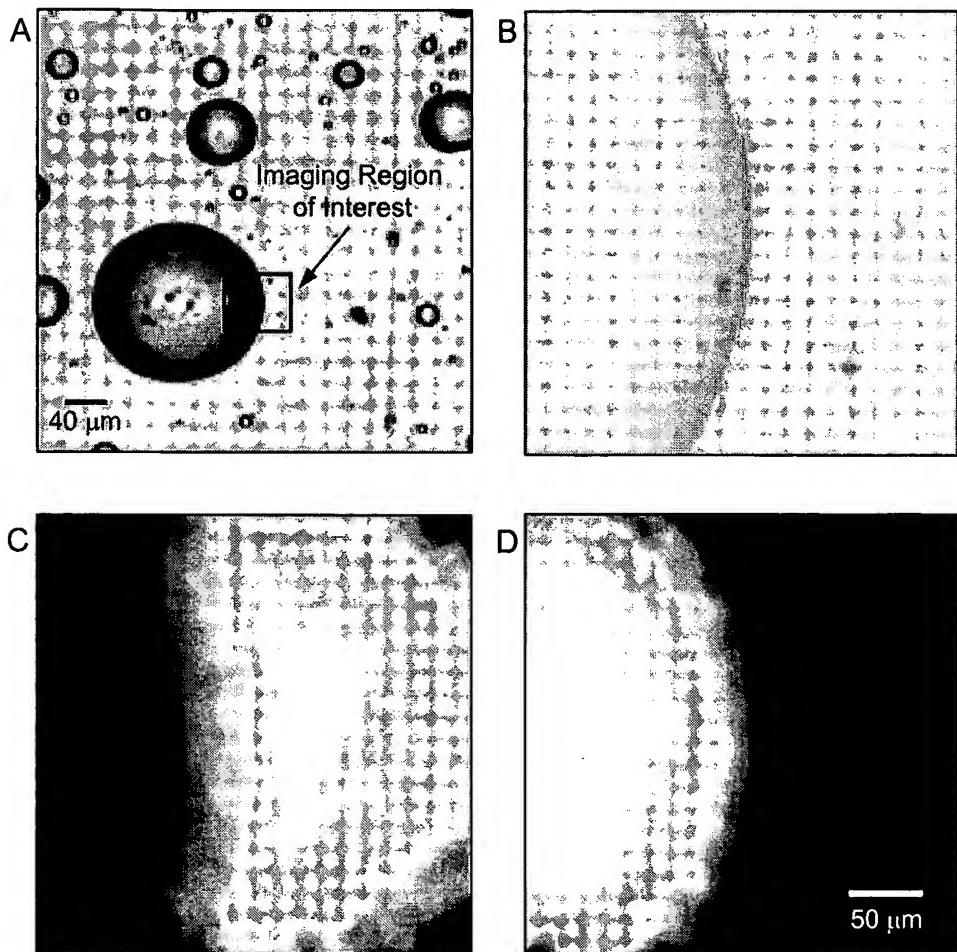


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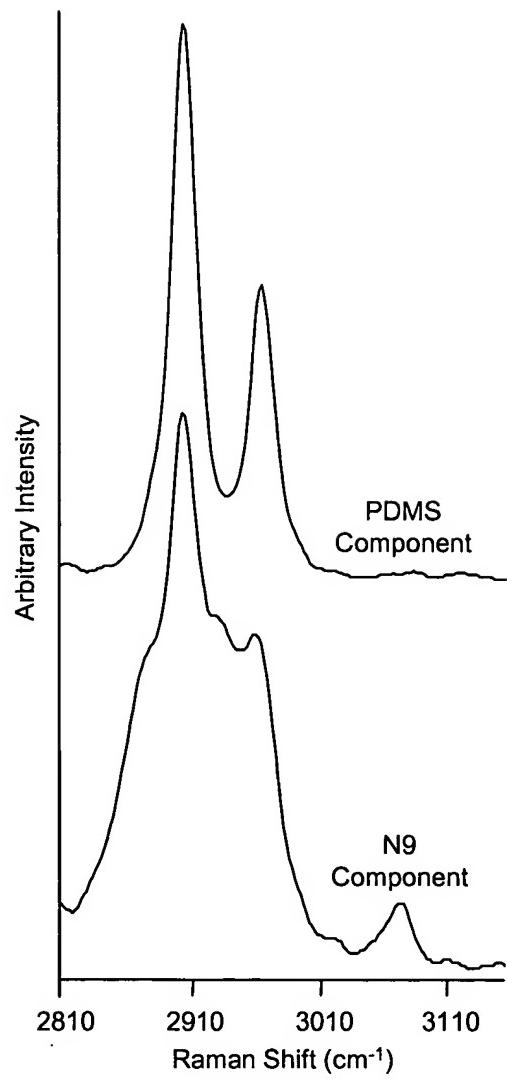


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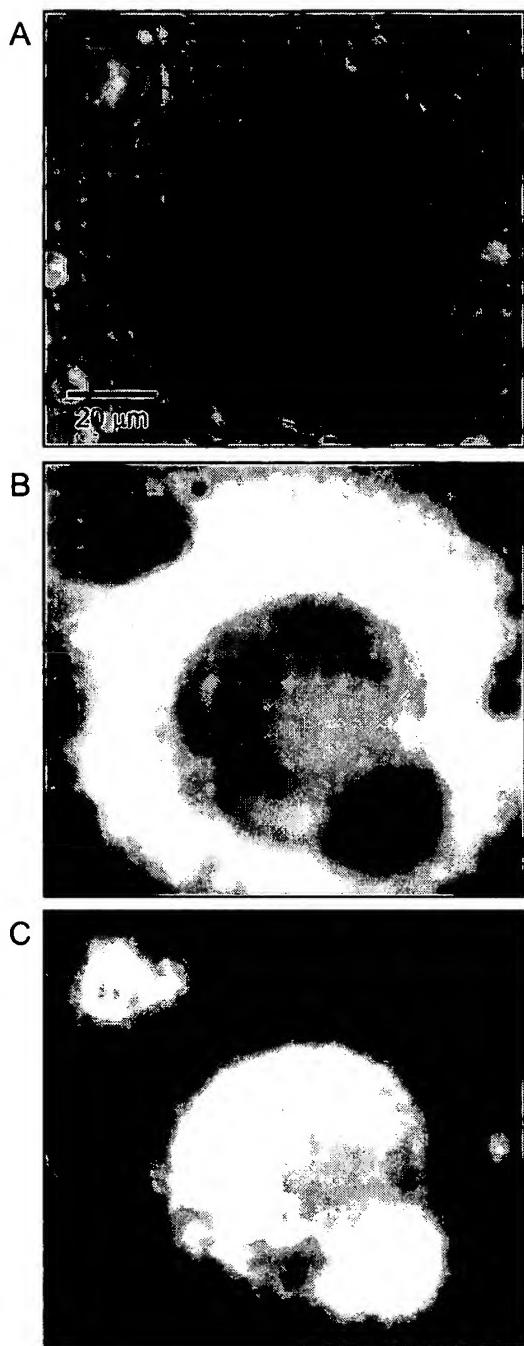


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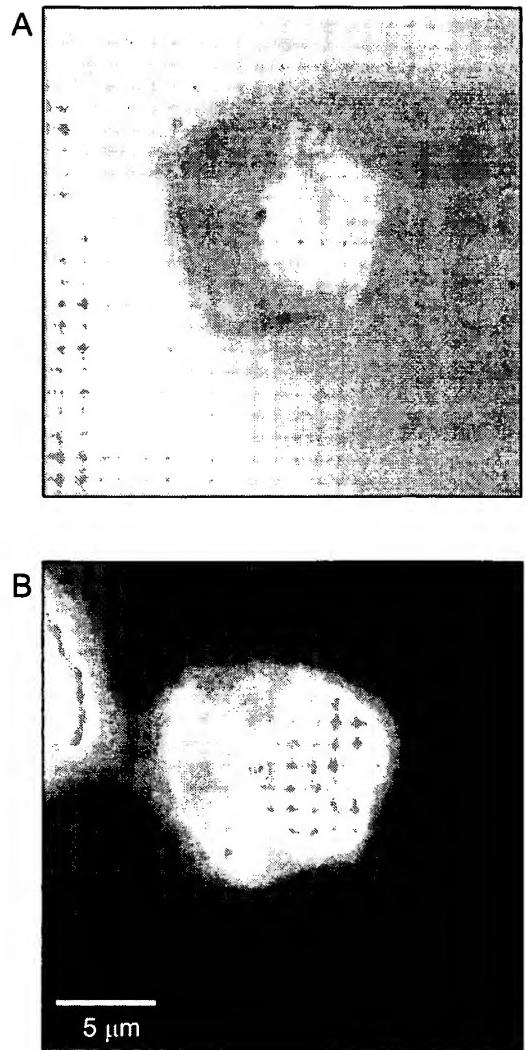


Figure 22

Table 1: RF values of band distances

Unknown Ink 1		Known Ink 7	
Spot	R _F	Spot	R _F
1	0.5381	1	0.5934
2	0.581	2	0.624
3	0.6048	3	0.6445
4	0.6381	4	0.6701
5	0.8786	5	0.8568

Unknown Ink 2		Known Ink 5	
Spot	R _F	Spot	R _F
1	0.3119	1	0.3839
2	0.3786	2	0.4425
3	0.4214	3	0.4817
4	0.4786	4	0.5232
5	0.5476	5	0.5721
6	0.5952	6	0.6064
7	0.6429	7	0.6308
8	0.8405	8	0.8191

Figure 23

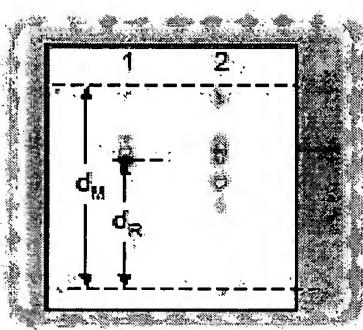
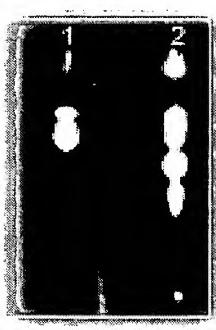
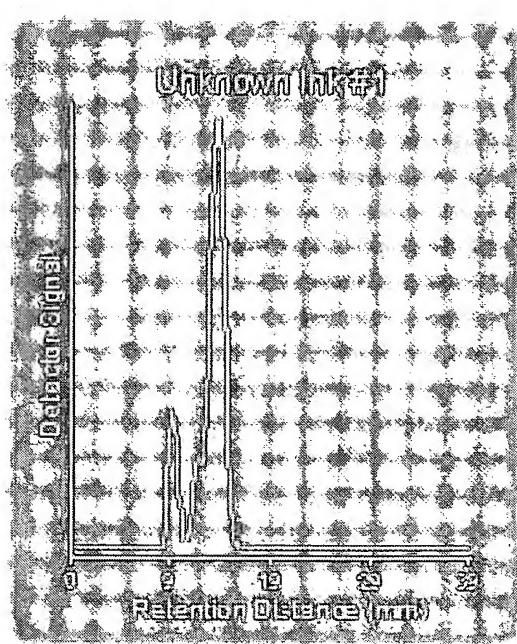
A**B****C**

Figure 24

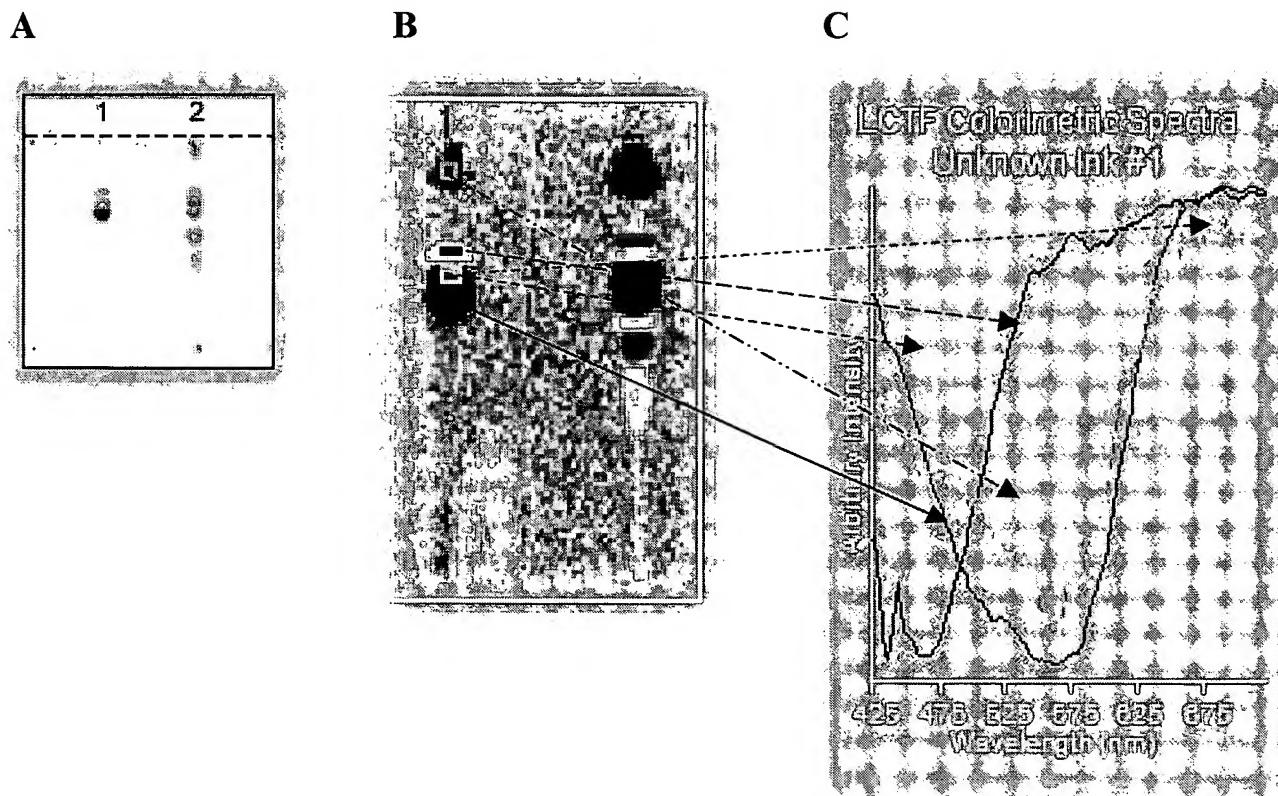


Figure 25

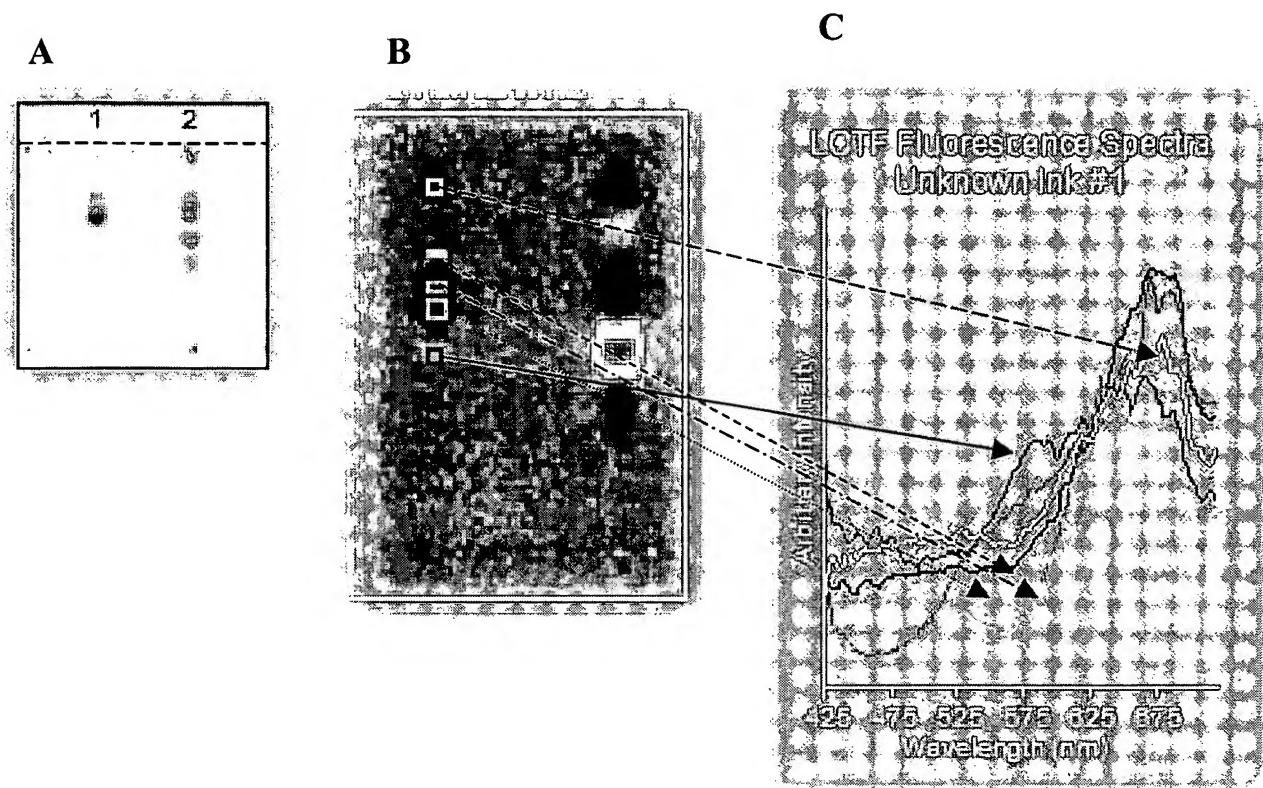


Figure 26

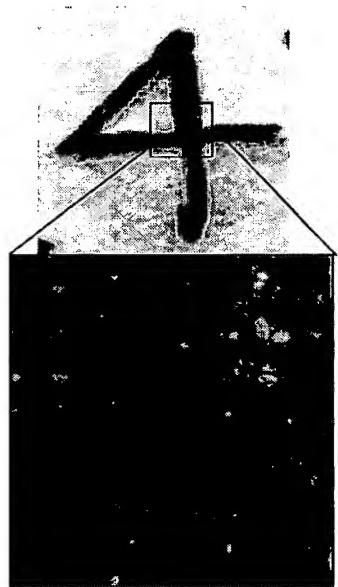


Figure 27

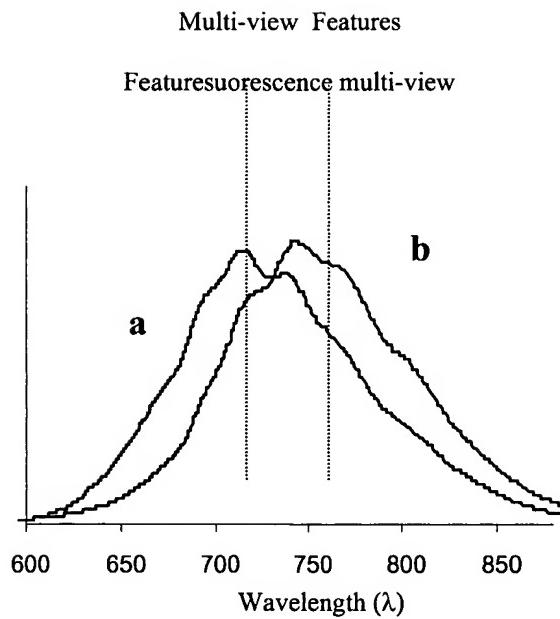
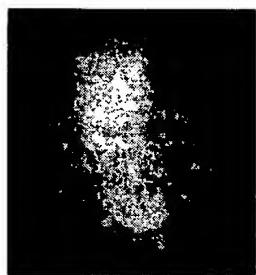


Figure 28

A



B

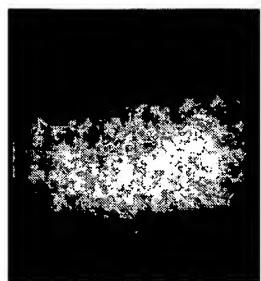
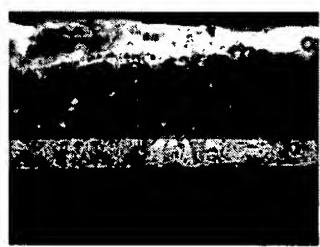


Figure 29

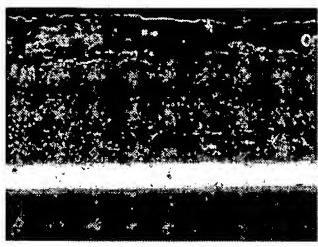
A



B



C



D



Figure 30